

CLAIMS

What is claimed is:

1. An independent wheel suspension for motor vehicles comprising:
a wheel support with a suspension movement and a steering movement,
suspension movement guiding devices including a steering element which guides the suspension movement, the steering element forming part of a shock absorbing device and being coupled to an elastic device, and
a control device of the wheel support steering movement,
wherein the wheel support slides along the steering element, which is slanted with respect to a vertical axis, and wherein the steering movement control device comprises an electric actuator controlled by an electronic control unit arranged to correct steering movements induced by the suspension movement based on a signal indicating a position of the wheel support along an axis of the steering element.
2. A motor vehicle comprising at least one steerable wheel, wherein the at least one steerable wheel is supported by an independent wheel suspension as defined in claim 1.
3. The suspension according to claim 1, wherein said steering element comprises a straight rod having extremities equipped with attachment devices for fastening to a body of a motor vehicle.
4. The suspension according to claim 3, wherein the wheel support is fastened to a tubular element sliding with respect to the steering element and forming an external casing of the shock absorbing device.